

ABSTRACT

A motor is provided that reduces vibration and noise by suppressing the vibration transmitted from a stator to a housing. Also an apparatus loaded with this motor is provided, that is highly efficient with less vibration and low noise. Notches formed at an outer circumference of a yoke are located on outer peripheral sides of slots, the notches are not in contact with the housing, the yoke located on outer circumferential sides of teeth is provided with axially penetrating through-holes, and an outer circumference of the stator core located on outer circumferential sides of the through-holes is in close contact with the housing, thus making it possible to obtain the motor with high efficiency, less vibration and low noise.